



Docket No.: 1344.1043

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Naomasa SHIMOJOH, et al.

Serial No. 09/634,912

Group Art Unit: 3663

Confirmation No. 5324

Filed: August 9, 2000

Examiner: S. Cunningham

For: OPTICAL AMPLIFIER

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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GROUP 3600

Sir:

This is in response to the Office Action mailed March 28, 2002, and having a period for response set to expire on June 28, 2002.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

IN THE CLAIMS:

Please REPLACE claims 1, 18, 31, and 32, and ADD new claims 33-35 in accordance with the following:

1. (TWICE AMENDED) An optical amplifier for amplifying wavelength division multiplexed signal light which has respective optical signals of a first wavelength band containing a plurality of optical signals with several wavelengths different from each other and a second wavelength band containing a plurality of optical signals with several wavelengths different from the wavelengths of the optical signals contained in the first wavelength band, comprising:

optical amplifying means amplifying said wavelength division multiplexed signal light using a rare earth element doped fiber to which excitation light is supplied,

wherein the excitation light used by said optical amplifying means has a wavelength capable of producing Raman amplification with respect to optical signals of said second wavelength band, and

said optical amplifying means supplying said excitation light which has the wavelength

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S&H Form: (10/01)

REPLY/AMENDMENT FEE TRANSMITTAL	Attorney Docket No.	1344.1043	
	Application Number	09/634,912	
	Filing Date	August 9, 2000	
	First Named Inventor	Naomasa SHIMOJOH, et al.	
	Group Art Unit	3662	
AMOUNT ENCLOSED	\$306.00	Examiner Name	S. Cunningham

FEE CALCULATION (fees effective 10/01/01)

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	31	- 28 =	3	X \$ 18.00 =	\$ 54.00
INDEPENDENT CLAIMS	7	- 4 =	3	X \$ 84.00 =	252.00

Since an Official Action set an original due date of June 28, 2002, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$400); 3 months (\$920); 4 months (\$1,440); 5 months (\$1,960)):

If Notice of Appeal is enclosed, add (\$320)

If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)

Total of above Calculations = \$ 306.00

Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)

TOTAL FEES DUE = \$ 306.00

(1) If entry (1) is less than entry (2), entry (3) is "0".

(2) If entry (2) is less than 20, change entry (2) to "20".

(4) If entry (4) is less than entry (5), entry (6) is "0".

(5) If entry (5) is less than 3, change entry (5) to "3".

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METHOD OF PAYMENT

- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

GROUP 3600

GENERAL AUTHORIZATION

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:
- Deposit Account No. 19-3935
- Deposit Account Name STAAS & HALSEY LLP
- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Derrick L. Fields	Reg. No.	50,133
Signature	<i>Derrick L. Fields</i>	Date	June 28, 2002